

Title (en)  
LAUNDRY TREATING MACHINE AND METHOD FOR CONTROLLING THEREOF

Title (de)  
WÄSCHEBEHANDLUNGSMASCHINE UND VERFAHREN ZUR STEUERUNG DAVON

Title (fr)  
MACHINE DE TRAITEMENT DE LINGE ET SON PROCÉDÉ DE COMMANDE

Publication  
**EP 3228741 B1 20200311 (EN)**

Application  
**EP 16163682 A 20160404**

Priority  
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Abstract (en)  
[origin: EP3228741A1] The present invention relates to a laundry treating machine (1) comprising an outer casing (2), a washing tub (3), which is arranged inside the casing (2), a rotatable drum (4), which is arranged in axially rotating manner inside the washing tub (3) and is designed to receive laundry to be washed, a softening device (10) provided with: a ion exchanger (11) designed to receive fresh water from a water mains (9) and reduce the hardness degree of the fresh water in order to supply softened water to the washing tub (3), and a regeneration device (12) designed to perform a regeneration cycle to regenerate the ion exchanger device (11); a control panel (13) configured to allow the user to select a washing program comprising a number of washing phases; an electronic control device (15) configured to control the regeneration device (12) in order to perform the regeneration cycle. The control panel (13) is further configured to allow an operator to input first data which are indicative of the hardness of said fresh water and/or input second data which are indicative of supplying softened water or, alternately, fresh water to the washing tub (3) during one or more washing phases of the selected washing program. The electronic control device (15) being further configured to change the amount of the softened water to be used during the selected washing program based on said first and/or second data, determine the amount of softened water which has been provided by the ion exchanger (11), and control the regeneration device (12) in order to activate the regeneration cycle based on the determined softened water.

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